



Martin O'Malley, *Governor*
Anthony G. Brown, *Lt. Governor*

Beverley K. Swaim-Staley, *Secretary*
Darrell B. Mobley, *Acting Administrator*

MARYLAND DEPARTMENT OF TRANSPORTATION

September 9, 2011

Mr. Bimal Devkota, P.E., Chief
Transportation Engineering and Construction Division
Baltimore City Department of Transportation
417 E. Fayette Street
Baltimore, Maryland 21202

Re: Public Interest Finding Letter for
LED lighting fixtures

Dear Mr. Devkota,

Thank you for your recent Public Interest Finding letter requesting approval of three (3) proprietary LED lighting fixtures. We would also like to thank Mr. Jamie McDonald for the back-up information that he supplied to our Federal Aid Programming Section. That information was very useful in helping us make our determination.

After reviewing all the information that was supplied by the City of Baltimore, we agree with your determination that the following LED lighting fixtures are acceptable to use on most federal aid projects:

- GE EVOLVE LED from GE Lighting Systems, Inc.
- LEDway Streetlight by Beta LED
- Prolific RoadWay from Lighting Science Group Corp.

This approval will cover the aforementioned lighting fixtures on all exempt Federal Aid projects which are advertised on or before December 31, 2013. At this time, another Public Interest Finding Letter will be needed unless there are sufficient and acceptable LED lighting fixtures available on the market.

Please be advised that these fixtures will need to be approved by FHWA on all non-exempt projects during this time frame.

Should you have any questions or concerns about this, please feel free to contact Mr. Stephen Pearce, Federal Aid Liaison Engineer, at 410 545 5776.

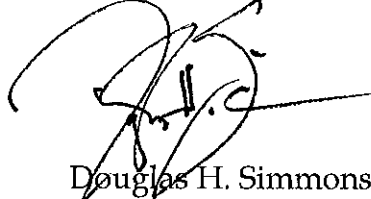
My telephone number/toll-free number is _____

Maryland Relay Service for Impaired Hearing or Speech 1.800.735.2258 Statewide Toll Free

Street Address: 707 North Calvert Street • Baltimore, Maryland 21202 • Phone 410.545.0300 • www.roads.maryland.gov

Mr. Bimal Devkota
September 9, 2011
Page 2 of 2

Sincerely yours,

A handwritten signature in black ink, appearing to read 'D.H. Simmons', with a large, sweeping flourish extending from the top left.

Douglas H. Simmons
Deputy Administrator / Chief Engineer
Planning, Engineering, Real Estate
and Environment

cc: Mr. Guy Talerico - SHA
Mr. Stephen Pearce - SHA
Ms. Elizabeth Wright - SHA
Mr. Jamie Kendrick - BCDOT
Mr. Jamie McDonald - BCDOT



August 29, 2011

Mr. Douglas Simmons
Deputy Administrator
Maryland State Highway Administration
707 N. Calvert Street, Mailstop C-411
Baltimore, Maryland 21202

Attention: Mr. Steve Pearce

Dear Mr. Simmons:

The City of Baltimore is requesting approval for proprietary items for our new LED fixtures for all federally funded capital improvement projects.

The City of Baltimore is requesting a Public Interest Finding (PIF) for the proprietary purchase of three LED lighting fixtures for City of Baltimore projects.

For several months, the City of Baltimore Department of Transportation (DOT) along with Energy Systems Group (ESG) has conducted a comprehensive selection process in selecting energy efficient lighting. Fixtures from seven different manufacturers were initially evaluated based on a number of criteria including:

- Manufacturer history
- Previous projects that installed their product
- Manufacturing plant and distribution center locations throughout the United States
- Warranty information
- Longevity and photometric performance analysis
- Fixture design and ease of installation
- The manufacturer's ability to produce and deliver a large quantity of fixtures
- Standard accessories as well as the accessories available for a future purchase

Through hands-on field work, Baltimore City DOT and ESG have selected the three best fixtures: The GE EVOLVE LED from GE Lighting Systems, Inc; the LEDway Streetlight by Beta LED; and the Prolific RoadWay from Lighting Science Group Corp.

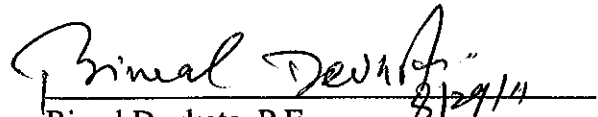
These three fixtures are made in the United States, have easy installation, and integrate well within our infrastructure. Our Maintenance crews have had extensive training on the installation and maintenance of these specific fixtures thus reducing time required for trouble shooting and fixing the equipment. Installation has been difficult with other fixtures. Other fixtures could also pose a problem due to the fact that all of the components are located inside the fixture. This would result in significantly longer outages while trying to correct each broken



fixture. Also, some fixtures were designed overseas and applications simply would not work with our infrastructure in this country.

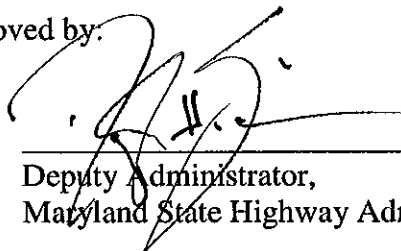
The three chosen fixtures have been tested at numerous locations around the City of Baltimore. If you have any question, please contact Mr. Brent Hooper at 443-984-1110.

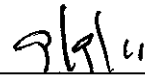
Sincerely,


Bimal Devkota, P.E.
Chief Transportation Engineering and
Construction Division

STATE HIGHWAY ADMINISTRATION

Approved by:


Deputy Administrator,
Maryland State Highway Administration


Date

Attachments: Specifications – NAZTEC controller;

c.c. Mr. Steve Pearce, FAPS, SHA
Mr. Jamie Kendrick
Mr. Brent Hooper, DOT Maintenance
Mr. Richard Hooper
Mr. Micah Payne
Mr. Suresh Bhatt
Mr. Alvaro Lozano